

From: [Crossland, Ronnie](#)
To: [Carroll, Craig](#); [Smith, Monica](#); [Foster, Althea](#); [Webster, Susan](#); [Smalley, Bryant](#); [Delgado, Eric](#)
Cc: [R6HarveyInfo](#)
Subject: FW: **CONFIDENTIAL - OFFICIAL USE ONLY** TCEQ Hurricane Harvey Update - #18 (for activities September 9, 2017)
Date: Sunday, September 10, 2017 11:11:10 AM
Attachments: [Hurricane Harvey ESF-10 Texas Situation Report #11 for 09-09-17.pdf](#)
[Hurricane Harvey ESF-10 Texas Incident Action Plan #11 for 09-10-17 to 09-11-17_email.pdf](#)

From: Kelly Cook [mailto:kelly.cook@tceq.texas.gov]

Sent: Sunday, September 10, 2017 12:03 PM

To: Richard Hyde <richard.hyde@tceq.texas.gov>; Stephanie Bergeron Perdue <Stephanie.Bergeron_Perdue@tceq.texas.gov>; Lori Wilson <Lori.Wilson@tceq.texas.gov>; Emily Lindley <Emily.Lindley@tceq.texas.gov>; Ramiro Garcia <ramiro.garcia@tceq.texas.gov>; anthony.buck@tceq.texas.gov; Brad Jones <brad.jones@tceq.texas.gov>; David Durst <david.durst@tceq.texas.gov>; Gary Shipp <gary.shipp@tceq.texas.gov>; Sara Coley <sara.coley@tceq.texas.gov>; Winona Henry <winona.henry@tceq.texas.gov>; Mandy Ellifritz <mandy.ellifritz@tceq.texas.gov>; Tony Walker <tony.walker@tceq.texas.gov>; Kendra Houston <kendra.houston@tceq.texas.gov>; Leroy Biggers <leroy.biggers@tceq.texas.gov>; Tom Erny <Tom.Erny@tceq.texas.gov>; Lorinda Gardner <lorinda.gardner@tceq.texas.gov>; Cynthia Williams <Cynthia.D.Williams@tceq.texas.gov>; Lisa Torres <Lisa.Torres@tceq.texas.gov>; Cain Cline <cain.cline@tceq.texas.gov>; David Van Soest <David.Vansoest@tceq.texas.gov>; Jeff Kunze <jeff.kunze@tceq.texas.gov>; Andrea Morrow <andrea.morrow@tceq.texas.gov>; Kathy Saucedo <Kathy.Sauceda@tceq.texas.gov>; Sarah Kirksey <Sarah.Kirksey@tceq.texas.gov>; Wallace Myers <wallace.myers@tceq.texas.gov>; Ashley K. Wadick_TCEQ <ashley.k.wadick@tceq.texas.gov>; Quiroz Guadalupe_TCEQ <Guadalupe.quiroz@tceq.texas.gov>; Joel Anderson <joel.anderson@tceq.texas.gov>; Kelly Crunk <Kelly.Crunk@tceq.texas.gov>; Susan Clewis <susan.clewis@tceq.texas.gov>; Kelly Ruble <kelly.ruble@tceq.texas.gov>; Jaime Garza <Jaime.Garza@tceq.texas.gov>; Esmeralda Rodriguez <Esmeralda.Rodriguez@tceq.texas.gov>; Jose Salinas <Jose.Salinas@tceq.texas.gov>; Jason Ybarra <Jason.Ybarra@tceq.texas.gov>; Nicole Bealle <Nicole.Bealle@tceq.texas.gov>; Hope Davila <Hope.Davila@tceq.texas.gov>; Melanie Edwards <melanie.edwards@tceq.texas.gov>; Michelle Phillips <michelle.phillips@tceq.texas.gov>; Rosemary Pinon <Rosemary.Pinon@Tceq.Texas.Gov>; Minor Hibbs <Minor.Hibbs@tceq.texas.gov>; Keith Sheedy <keith.sheedy@tceq.texas.gov>; Jim Rizk <Jim.Rizk@Tceq.Texas.Gov>; Erin Chancellor <erin.chancellor@tceq.texas.gov>; Stephen Tatum <Stephen.Tatum@Tceq.Texas.Gov>; Ryan Vise <Ryan.Vise@Tceq.Texas.Gov>; Toby Baker <Toby.Baker@tceq.texas.gov>; Ashley Forbes <ashley.forbes@tceq.texas.gov>; Tucker Royall <Tucker.Royall@tceq.texas.gov>; Earl Lott <earl.lott@tceq.texas.gov>; Cari-Michel Lacaille <cari-michel.lacaille@tceq.texas.gov>; David Galindo <david.galindo@tceq.texas.gov>; Dale Kohler <dale.kohler@tceq.texas.gov>; L'Oreal Stepney <loreal.stepney@tceq.texas.gov>; John Racanelli <john.racanelli@tceq.texas.gov>; Caroline Sweeney <caroline.sweeney@tceq.texas.gov>; Steve Hagle <steve.hagle@tceq.texas.gov>; christopher.s.sedtal.mil@mail.mil; Brent Wade <brent.wade@tceq.texas.gov>; David Timberger <david.timberger@tceq.texas.gov>; Beth Seaton <Beth.Seaton@tceq.texas.gov>; Maria Lebron <maria.lebron@tceq.texas.gov>; Michael Honeycutt <Michael.honeycutt@tceq.texas.gov>; Michael Bame <michael.bame@tceq.texas.gov>



Cc: Anita Keese <anita.keese@tceq.texas.gov>; David Ramirez <david.ramirez@tceq.texas.gov>; Jonathan Walling <jonathan.walling@tceq.texas.gov>; Kelly Keel Linden <Kelly.KeelLinden@tceq.texas.gov>; Michelle Harris <michelle.harris@tceq.texas.gov>; Randy Ammons <randy.ammons@tceq.texas.gov>; susan.jablonski@tceq.texas.gov; Susan Johnson <susan.johnson@tceq.texas.gov>; Timothy Haase <timothy.haase@tceq.texas.gov>; Tracy Miller <tracy.miller@tceq.texas.gov>; Monica Aplin <Monica.Aplin@tceq.texas.gov>; CIDEMST <CIDEMST@tceq.texas.gov>; Michelle Havelka <michelle.havelka@tceq.texas.gov>; 'chol.y.chong.mil@mail.mil'; 'Smejkal, Bradley D CPT USARMY ARNORTH (US)' <bradley.d.smejkal.mil@mail.mil>; Melinda Torres <Melinda.Torres@tceq.texas.gov>; anthony.buck@tceq.texas.gov; Richard Chism <Richard.Chism@tceq.texas.gov>; Melissa Cordell <Melissa.Cordell@tceq.texas.gov>; Brandy Brooks <brandy.brooks@tceq.texas.gov>; Bryan Sinclair <bryan.sinclair@tceq.texas.gov>; Lauri Cherry <Lauri.Cherry@tceq.texas.gov>; Warren Samuelson <warren.samuelson@tceq.texas.gov>; Melinda Johnston <melinda.johnston@tceq.texas.gov>; Tom Erny <Tom.Erny@tceq.texas.gov>; Elizabeth Sifuentez Koch <Elizabeth.SifuentezKoch@tceq.texas.gov>; Kelly Cook <kelly.cook@tceq.texas.gov>; Crossland, Ronnie <Crossland.Ronnie@epa.gov>; Carroll, Craig <Carroll.Craig@epa.gov>

Subject: **CONFIDENTIAL - OFFICIAL USE ONLY** TCEQ Hurricane Harvey Update - #18 (for activities September 9, 2017)

Status of State-level Activities: (reported out 9/10/17)

TCEQ is conducting agency internal conference calls which will occur daily (including weekends) at 1:30 pm. Dial the Access Number: (b) (6). Enter Participants Pass code: (b) (6)

- The TCEQ continues to be activated for duty at the SOC, day shift only at this time.
- The TCEQ has approximately 475 staff involved in the Hurricane Harvey response.

Useful/Important Information:

The Google Crisis Map page with current aerial imagery (Harvey Aftermath), as mentioned by Anthony Buck on today's 1:30pm call is available at the following link:

<http://google.org/crisismap/2017-harvey>

Governor Abbott Signs Proclamation Creating Governor's Commission to Rebuild Texas (see link):

<https://gov.texas.gov/news/post/governor-abbott-signs-proclamation-creating-governors-commission-to-rebuild>

Status of TCEQ Activities:

- As we stand-up our impacted regional offices, SSO reports can now be sent to OCE's Program Support Section (PSS) for data entry. PSS can input the data into CCEDS, where it is already stored, and make it more readily available for incoming requests for data. Any SSO reports that regions are unable to process at this time can be sent to Macy.Beaucamp@tceq.texas.gov and Zachary.King@tceq.texas.gov. RVs are being made available for accommodations in the Beaumont area where hotels are hard to come by. Emily Lindley is the Point of Contact for the RVs at this time.
- TCEQ has made contact with the 340 high and significant hazard dams in the impacted areas. There are 15 dams that have been reported with some type of damage. Of these 15, 10 are exempt from the Dam Safety rules, and four of these exempt dams have failed. Only one high

hazard dam has been reported to have damage, the damage being significant spillway erosion. There have been no reports of downstream damage or loss of life. TCEQ will be meeting with affected dam owners in the next week.

-
TCEQ Unified Command for Field Response Activities (see Area Command SITREP for 9/9/17 attached and Area Command Incident Action Plan (IAP) for 9/10/17 attached)

- On September 9, 2017, Unified Command continued operations in accordance with the Natural Disaster Operational Workgroup (NDOW) Standard Operating Procedures, NDOW forms and Response Manager. The Unified Command is supported by three operational branches: Alpha Branch in Corpus Christi, Bravo Branch in Houston and Charlie Branch in Port Arthur. Hazard Evaluation, Oil Discharge Assessment and Recovery, as well as Orphan Container Evaluation and Recovery teams continued working throughout the Alpha, Bravo and Charlie Branches. Drinking Water (DW) and Waste Water (WW) Assessment teams were active in the Bravo Branch. EPA's mobile air monitoring Trace Atmospheric Gas Analyzer (TAGA) bus conducted air monitoring and continued to monitoring various areas in the Bravo Branch. ASPECT continued to survey Risk Management Program (RMP), Facility Risk Plan (FRP), Drinking water and Waste water facilities in the affected areas.
- Liaison officers are coordinating to get logistical information on where Community Liaisons will be located to advise Unified Command (UC) staff. **On Sunday, September 10, 2017, Liaison officers have coordinated a meeting to be held at Salt Lake Baptist Church in rural Rockport, TX to meet with residents and disseminate information.**
- Logistics has stood down on plans to move the Incident Command Post (ICP) to Huntsville, TX. The ICP will remain in Corpus Christi, Texas.
- Public information officers closed out a media inquiry from Port Arthur news on "what is EPA doing in the Port Arthur area." A joint news release from EPA and TCEQ was issued updating the public on the Hurricane Harvey overall response.
- EPA's phone bank personnel in Austin have completed their role of contacting drinking water and waste water facilities by phone. EPA's Austin Branch team was demobilized, Friday September 8, 2017.

To date total drinking water and wastewater assessments evaluated by both phone and on-site.

Drinking Water and Waste Water Assessment		
<u>Assessment Types</u>	<u>Daily Assessments</u>	<u>Total Assessments</u>
On-Site DW Assessments	53	347
On-Site WW Assessment	26	237
Phone DW Assessments	331	5006
Phone WW Assessments	82	3,026

Region 4 (DFW) --

- The DFW Region has approved 50 debris site applications for the Houston Region and has five pending.

Region 9 & 11 (Waco & Austin) --

- Four (4) Region Four (4) Region 9 and 11 staff (two per region) remain deployed in the City of Houston.
- One (1) staff member is scheduled to serve in the SOC this Sunday (10th).
- Two (2) R11 staff continue to participate in the TDEM Debris Management Group call – next call is [Saturday, September 9, 2017 at 1:00 pm](#).
- One (1) staff member is serving as backup for statewide debris management tracking.
- Staff continue to respond to questions and requests for assistance covering all media ranging from air emission events, BWN's, SSO's and debris management from multiple impacted areas.

Region 10 (Beaumont)--

- Charlie Branch has two boat teams, 1 inland survey team, one spill team, and 1 boat salvage team conducting reconnaissance in the affected area today. TCEQ is providing support for all teams and is entering data in response manager. Container recovery operations are anticipated to begin as early as this afternoon, but more likely Sunday (9/10). The EPA secured an area at the Jack Brooks Regional airport to be utilized as a staging area / pad for recovered materials and containers. Currently, there are approximately 51 targets that require either further evaluation or recovery. USCG is planning on maintaining operations in Charlie till at least 9/21 at current staffing levels.
- Scott Clingenpeel is staffing the Disaster District 15 operation. Scott will be reviewing any requests received for temporary debris sites in the counties north of Jefferson and Orange county.
- Esker Sawyer is working on temporary debris site requests this week-end. The region has begun to receive requests from the effected counties. A site visit will be conducted at sites located by the City of Port Arthur. Currently, there is one site approved for use by the City of Port Arthur. Two additional sites will be evaluated today. A request for a site in Orange County has been received and is being evaluated today.
- The City of Beaumont has collected samples at 38 locations in their distribution system. We expect to receive sample results and information regarding the stability of plant operations for the past three days early this afternoon. We will review the data and make a determination regarding the boil water notice status. Preliminary data looks good; however, we are waiting on all of the data to make any decisions.
- The Rose City surface water plant is still flooded. The operator has limited access to the facility. The electrical building and lab was completely destroyed and will have to be rebuilt. The status of the raw water pumps is unknown. A STAR request has being sent to secure a water hauler for the system. The facility has 246 connections. A team from Charlie Branch attempted to conduct a site visit yesterday; however, were unable to access the site. Another attempt is planned for today.

Region 12 (Houston)---

- Flood waters have receded to below flood stage except for Buffalo Bayou, which is still at minor to moderate flood stage.
- Region 12 DRST personnel involved in Hazard Evaluation teams are being rested for 9/9/17 as part of planned staff rotation. The eight TCEQ personnel from other Regional DRST teams continue to conduct Hazard Evaluation for 9/9/17 along with R12 Water Infrastructure Assessment teams as part of the Bravo Branch of Unified Command at USCG Houston Sector.
- The Waste Section has had a total of 59 Approved Debris Management Sites and one application pending review and approval through R4.
- Air Section staff conducted air quality monitoring in the vicinity of industrial facilities as part of interagency efforts to assess air quality in the region in the aftermath of Hurricane Harvey. Region management is communicating with staff from EPA and the City of Houston to coordinate resources and information.

Region 14 (Corpus) ---

- Region 14 staff continue with debris site inspections and approvals over the weekend as necessary.
- Region 14 staff are conducting water / wastewater field assessments in Aransas County to determine if any communities have unmet needs.
- Three (3) Region 14 staff are providing support to the Alpha Branch.
- Region 14 staff are providing as needed support to the DDC Victoria and DDC Corpus Christi.
- Region 14 management team is available by phone.

Monitoring Division--

Below is an updated list of the operating air monitoring sites in the Houston, Beaumont and Corpus Christi areas. The current total has increased to 47 of 48 = 98%

Office of Waste Activities

Waste Permits Division---

- As of 8:00 am 09/09/2017, there are 127 temporary debris management sites (TDMS):
 - R10: 7 Sites
 - R11: 1 Site
 - R12: 62 Sites
 - R13: 1 Site
 - R14: 56 Sites
 - TDMS at Landfills: 12
 - TDMS at Transfer Stations: 5
- A status breakdown of the 127 TDMS includes: (information provided from OCE Debris Points of Contact Tim Haase and David Van Soest)
 - Pending: 8
 - Approved: 111
 - Denied: 1
 - Withdrawn: 5
 - Inactive: 2 (notified no longer in use, but Region confirmation not done yet)

Remediation Division---

Initial assessments at state Superfund sites in the affected areas have been conducted with one final assessment occurring today. We have not identified any concerns related to the storm. In an abundance of caution, the TCEQ will conduct sampling at selected Superfund sites. The objective of the sampling is to assess potential changes in site conditions. Samples will include a combination of soil and/or groundwater depending on the site conditions.

The TCEQ will continue to coordinate and partner with EPA on assessments at Federal Superfund sites.

-

Drinking Water and Wastewater--

OCE/OW Drinking Water and Wastewater System Update:

- Inoperable Wastewater Facility Tracking: **(for the 58 Counties within the Governor's Disaster Declaration)**
 - 1,219 Wastewater Facilities are being tracked;
 - 1,184 Wastewater Facilities are operational;
 - 35 Wastewater Facilities are inoperable.
- PWS Facility Tracking: **(for the 58 Counties within the Governor's Disaster Declaration)**
 - **2,238 PWS community water systems** that serve a population of about 11 million people are being tracked;
 - **2,006** of the **PWS community water systems** are **operational**;
 - **38** of the **PWS community water systems** are **inoperable, serving population of 62,834 people**;
 - **135** of the **PWS community water systems** have **issued a BWN, serving population of 301,719 people**.

Office of Water Activities

Water Supply Division--

The City of Beaumont

The Water Supply Division in coordination with Region 10 has reviewed data from the treatment plant and distribution system as well as bacteriological laboratory analysis reports submitted by the City. Based on the data provided by the City, the City can rescind the boil water notice.

The City's treatment processes are now stable. Distribution system pressure and disinfectant residuals are meeting TCEQ regulations. The surface water treatment plant is producing enough water to adequately supply the City and downstream users who purchase from the City.

The City will continue to work on the groundwater plant which remains off-line. City crews are still assessing what repairs are needed due to the extensive damage. TCEQ will continue to assist the City with getting their groundwater plant back on-line as soon as possible.

Temporary Water Systems

WSD staff received information concerning their authority over any type of temporary water

systems from the Department of State Health Services (DSHS). DSHS permits permanent water vending stations but based on the time it would take to permit the temporary vending station it may not be in use. DSHS stated that these facilities or questions related to this type of distribution needed to be checked with local health departments. At the present time, DSHS has purview over the following types of facilities:

Retail Food Establishments (in areas without a local health department)

Food: Manufacturers, Wholesalers, Warehouses, and Salvage Firms

Drugs & Medical Devices: Manufacturers, Wholesalers, Warehouses, and Salvage Firms. Also, tanning, tattoo, and body piercing.

Slaughter Plants and Meat Packing Plants

Milk & Dairy: Milk Plants, Frozen Dessert Manufacturers (Ice Cream), and Dairy Farms

Shellfish Processors: Oysters, Clams, and Mussels

The responsibility for facilities like hospitals and nursing homes reside at HHSC and DADS, respectively. If requests for these temporary water systems are received for an HHS system firm it needs to be forwarded to the appropriate agency. A contact from DSHS was provided:

Lewis Ressler, M.P.H., R.S.

Manager, Foods Group Policy/Standards/QA Unit

Texas Department of State Health Services

(512) 834-6670 ext. 2162

lewis.ressler@dshs.texas.gov

Status Calls

WSD has completed contacting all of the community water systems assigned and will complete the assigned calls for Non-transient Non-community systems by noon on Friday. EPA Region VI staff who were assisting to make calls will be leaving TCEQ and returning to Dallas on Friday. One or two EPA staff may stay in the event that additional work is needed or requested.

Boil Water Notices

Bacteriological samples must be taken in order to rescind a BWN even if a system has issued a precautionary BWN. A BWN can be rescinded if a system remains on a generator and has met the criteria to lift the BWN. If there is a loss in pressure or any other situation that compromises the water quality etc. due to electrical fluctuations, the system will be required to go back on a BWN. Questions related to BWNs can be directed to Michele Risko in WSD.

Emergency Authorizations

The WSD continues to work with systems to authorize emergency authorizations and temporary water systems. Systems that wish to treat temporary water provisions should contact WSD.

TCEQ Hurricane/Flood Related Regulatory Guidance:

- TCEQ has a vast amount regulatory guidance posted under the Hurricane Harvey Response link on our main web page. Also included is the most current information on approved and pending fuel waivers. <https://www.tceq.texas.gov/>